

RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 26.

APRIL 27, 1938

This bulletin announces construction contracts and invitations to bid between April 14 and April 26, 1938:

CONSTRUCTION CONTRACTS

25. ILLINOIS 21 MENARD: The Menard County Electric Cooperative, Petersburg, Illinois (A. E. Becker, Superintendent, and Young and Stanley, Inc., Muscatine, Iowa, Engineer) has awarded a contract to the Sheehan Pipe Line Construction Co., Tulsa, Oklahoma, for building the 2nd and 3rd sections of the project, consisting of 212.6 miles of line. The low bid was \$150,055.25.

MICHIGAN 37 HURON: The Thumb Electric Cooperative of Michigan, Ubly, Mich., (Frank Wilson, Superintendent, and Southern Michigan Engineering Corp., Lansing, Engineer) has awarded a contract to the Commercial Engineering Company of Detroit, for construction of a substation and switchgear for the project. The low bid was \$42,632.

304. MINNESOTA 59 OLMSTEAD: The Peoples Cooperative Power Association, Inc., Rochester, Minnesota (Frank I. Kiley, Superintendent, and Ellerbe & Company, St. Paul, Engineer) has awarded a contract to the Charles Robeck Construction Co., Omaha, Nebraska, for building the entire project, consisting of 153 miles of line. The low bid was \$122,863.96.

178. WYOMING 6 GOSHEN: The Wyrulec Company, Lingle, Wyoming, (Grover C. Hartman, Superintendent, and Phil L. Rouse, Torrington, Engineer) has awarded a contract to the C. E. Atwater Company, Grand Island, Nebraska, for building the third section of the project, consisting of 151 miles of line. The low bid was \$106,323.53.

INVITATIONS TO BID

GEORGIA 75 LAMAR: The Lamar Electric Membership Corp., Barnesville, Georgia, (Walter Y. Andrews, Superintendent, and J. B. McCrary Engr. Corp., Atlanta, Engineer) has invited bids on the construction of the entire project, consisting of 144 miles of line. Bids were opened April 19.

INDIANA 21 BARTHOLOMEW: The Bartholomew County Rural Electric Membership Corp., Columbus, Indiana, (James C. Cooley, Superintendent, and Bevington-Williams, Inc., Indianapolis, Engineer) has invited bids on the construction of the first section of the project, consisting of 93 miles of line. Bids will be opened April 29.

MAINE 2 PENOBSKOT: The Kingman Electric Company, Kingman, Maine, (W. H. Smith, Superintendent, and J. N. Mullen, Houlton, Maine, Engineer) has invited bids on the construction of the entire project, consisting of 68.7 miles of line. Bids were opened April 14.

MICHIGAN 5 LENAWEE: The Southeastern Michigan Rural Electrification Coop., Inc., Adrian, Michigan (C. C. NYC, Superintendent, and Roy A. White, Grand Rapids, Engineer) has invited bids on the construction of a step-up substation for the generating plant for the project. Bids were opened April 22.

TEXAS 64 SAN AUGUSTINE: The Deep East Texas Electric Cooperative, Inc., San Augustino, Texas (R. H. Stripling, President, and William G. Morrison, Waco, Engineer) has invited bids on the construction of the entire project, consisting of 136 miles of line. Bids were opened April 20.

## RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 27.

MAY 13, 1938

14. GEORGIA 22 COLQUITT: The Colquitt County Rural Electric Company, Moultrie, Georgia (Oscar O. Owens, Supt. and A. L. Carpenter and E. P. McLean Eng. Co., Engineers) has awarded a contract to the Bethune Electric Construction Co., Birmingham, Alabama, for building the second section of the project, consisting of 70 miles of line. The successful bid was \$39,579.22.

305. GEORGIA 39 HART: The Hart County Electric Membership Corp., Hartwell, Georgia, (George Bell, Supt. and J. B. McCrary Eng. Corp., Atlanta, Engineer) has awarded a contract to Richards Brothers, Carrollton, Georgia, for building the first section of the project, consisting of 107.6 miles of line. The successful bid was \$71,507.50.

306. GEORGIA 45 SUMTER: The Sumter County Electric Membership Corp., Americus, Georgia, (D. L. Thomas, Supt. and J. B. McCrary Eng. Corp., Atlanta, Engineer) has awarded a contract to the Alrich Electric Company, Augusta, Georgia, for building the entire project, consisting of 75 miles of line. The successful bid was \$42,251.63.

307. KANSAS 21 SHAWNEE: The Kaw Valley Electric Cooperative, Topeka, Kansas, (Gilbert W. Jones, Jr., Supt. and Paulette and Wilson, Engineer) has awarded a contract to Dan Scherrer, Kansas City, Kansas, for building the first 190 miles of the project. The successful bid was \$133,120.31.

308. MICHIGAN 39 VAN BUREN: The Van Buren Electric Cooperative, Paw Paw, Mich., (C. E. Dow, Supt. and the Southern Michigan Engineering Corp., Lansing, Engineer) has awarded a contract to the Harris-McBurney Co., Jackson, Mich. for building the entire project, consisting of 140 miles of line. The successful bid was \$130,816.58.

309. MINNESOTA 71 BLUE EARTH: The Blue Earth-Nicollet Electric Association, Mankato, Minnesota, (E. M. Nash, Supt. and Ellerbe & Co., St. Paul, Engineer) has awarded a contract to the Cater Construction Co., Kansas City, Mo. for building the first section of the project, consisting of 116 miles of line. The successful bid was \$110,153.58.

310. TEXAS 11 KAUFMAN: The Kaufman County Rural Electric Association, Kaufman, Texas (Jilson McCullough, Supt. and Hawley, Freese, and Nichols, Engineer) has awarded a contract to H. J. Hall & Co., Manhattan, Kansas, for building the first section of the project, consisting of approximately 100 miles of line. The successful bid was \$57,505.06.

224. TEXAS 47 DEAF SMITH: The Deaf Smith County Electric Coop., Inc., Hereford, Texas (H. V. Hennen, Supt. and C. C. Cox, Amarillo, Engineer) has awarded a contract to J. E. Morgan & Sons, Waco, Texas, for building the second section of the project, consisting of 90 miles. The successful bid was \$105,401.25.

311. TEXAS 54 WOOD: The Wood County Electric Cooperative, Inc., Quitman, Texas, V. B. Shaw, Supt. and William G. Morrison, Waco, Engineer) has awarded a contract to H. J. Hall and Co., Manhattan, Kansas, for building the entire project, consisting of 119 miles of line. The successful bid was \$70,981.37.

INVITATIONS TO BID

MISSOURI 31 MISSISSIPPI: The Scott-New Madrid-Mississippi Cooperative Assn., Sikeston, Missouri, (H. M. Zaricor, Supt. and E. T. Archer & Co., Kansas City, Engineer) has invited bids on the construction of the entire project, consisting of 176 miles of line. Bids were opened May 5.

OHIO 32 BELMONT: The Belmont Electric Cooperative, Inc., St. Clairsville, Ohio, (Harry McAllister, Supt. and W. R. Cutnaw, Columbus, Engineer) has invited bids on the construction of the entire project, consisting of 120 miles of line. Bids were opened May 10.

OHIO 41 LICKING: The Licking Rural Electrification, Inc., Newark, Ohio (C. D. Dunlap, Supt. and R. F. Ewing, New York, N. Y., Engineer) has invited bids on the second section of the project, consisting of approximately 134 miles of line. Bids will be opened May 13.

OKLAHOMA 1 KINGFISHER: The Consumers Rural Electric Company, Kingfisher, Oklahoma, (Boy Boecker, Supt. and Ingram Jones, Oklahoma City, Engineer) has invited bids on the construction of the second section of the project, consisting of approximately 212 miles of line. Bids will be opened May 13.

VIRGINIA 31 MECKLENBURG: The Mecklenburg Electric Cooperative, Boydton, Virginia, (J. E. Smith, Supt. and Herbert J. Baer, Engineer) has invited bids on the construction of the entire project, consisting of 136 miles of line. Bids will be opened May 23, at 2:00 P.M.

## RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 28

JUNE 1, 1938

This bulletin announces construction contracts and invitations to bid between May 13 and May 31, 1938:

CONSTRUCTION CONTRACTS

312. GEORGIA 75 LAMAR: The Lamar Electric Membership Corp., Barnesville, Georgia, (Walter Y. Andrews, Supt., and J. B. McCrary Engr. Corp., Atlanta, Engineer) has awarded a contract to Richards Bros., Carrollton, Georgia, for building the entire project, consisting of 144 miles of line. The successful bid was \$76,312.50.

232. IDAHO 10 NEZ PERCE: The Clearwater Valley Light and Power Association, Lewiston, Idaho (A. R. Mushlitz, Supt., and T. C. Smith, Engineer) has awarded a contract to Homer G. Johnson, Portland, Oregon, for building the third section of the project, consisting of approximately 153 miles of line. The successful bid was \$136,781.94.

188. MICHIGAN 33 CASS: The Fruit Belt Electric Cooperative, Cassopolis, Michigan, (Robert Thompson, Supt., and C. C. Noecker, So. Michigan Engr. Corp., Lansing, Engineer) has awarded a contract to the Laird Construction Co., Battle Creek, Michigan, for building the second and third sections of the project, consisting of 112 miles of line. The successful bid was \$108,462.98.

313. MICHIGAN 40 ALLEGAN: The O & A Electric Cooperative, Zeeland, Michigan, (Roman Seplinski, Temporary Supt., and the Baker-Hansen Eng. Corp., Zeeland, Engineer) has awarded a contract to the Laird Construction Company, Battle Creek, for building the first section of the project, consisting of 175 miles of line. The successful bid was \$133,107.37.

314. MINNESOTA 57 OTTERTAIL: The Lake Region Cooperative Electrical Association, Fergus Falls, Minnesota (J. A. Tully, Supt., and the Pillsbury Engineering Co., South Minneapolis, Engineer) has awarded a contract to E. W. Wylie, Inc., St. Paul, for building the first 127 miles of the project. The successful bid was \$121,674.65.

93. VIRGINIA 22 CAROLINE: The Farmers Rural Utilities, Inc., Bowling Green, Virginia (C. W. Hylton, Engineer) has awarded a contract to the Harrison-Wright Co., Charlotte, North Carolina, for building the second section of the project, consisting of 88.2 miles of line. The successful bid was \$58,775.88. Bids included two optional types of transformers, conventional and C.S.P. (completely self-protected). REA approved the use of the latter type, at an added cost of \$577.53. This is less than 1 per cent of the total construction cost. The normal REA practice is to approve the lowest cost for safe and adequate materials. The deviation from that practice in this instance is in the nature of a fact-finding experiment. The existing lines of the project have conventional transformers. The new lines are in the same area, of course, and in many cases are fill-in extensions from present backbone lines. Operating conditions, therefore, will be identical. The project will keep careful records, from which REA hopes to be able to learn what additional efficiency and lower maintenance cost, if any, result from the more expensive equipment.

315. VIRGINIA 29 NELSON: The Central Virginia Electric Cooperative, Lovington, Virginia (Lewis A. Bress, Supt., and the Virginia Farm Power Board, Richmond, Engineer) has awarded a contract to the Perkins-Barnes Construction Co., Blackstone, Virginia, for building the entire project consisting of 117 miles of line. The successful bid was \$98,509.18.

94. WISCONSIN 16 DOUGLAS: The Head of the Lakes Cooperative Electric Ass'n, Superior, Wisconsin (George Halonen, Jr., Supt., and the Wisconsin Rural Electric Cooperative, Madison, Wisconsin, Engineer) has awarded a contract to Prather & Jensen, Effie, Minnesota, for building the second section of the project, consisting of 30 miles of line. The successful bid was \$20,900.44.

INVITATIONS TO BID

MISSISSIPPI 29 OKTIBBEHA: The Four County Electric Power Association, Columbus, Mississippi (B. S. Robinson, Columbus, Superintending Engineer) has invited bids on materials required for the construction of the entire project, consisting of 285 miles of line. Bids were opened May 24.

NORTH CAROLINA 16 EDGECOMBE: The Edgecombe-Martin County Electric Membership Corp., Tarboro, North Carolina (J. T. Hagans, Engineer) has invited bids on the construction of the second section of the project, consisting of approximately 107 miles of line. Bids were opened May 27.

NORTH CAROLINA 21 SAMPSON: The Four-County Electric Membership Corporation, Kerr, North Carolina (S. S. Shubrick, Supt., and G. C. Bullard, Engineer) has invited bids on the construction of the entire project, consisting of 142 miles of line. Bids were opened June 1.

## RURAL ELECTRIFICATION ADMINISTRATION

## CONSTRUCTION REPORT NO. 29

JUNE 17, 1938

This bulletin announces construction contracts and invitations to bid between June 1 and June 16, 1938:

LIBRARY  
CONSTRUCTION CONTRACTS  
Agricultural Economics

316. INDIANA 21 BARTHOLOMEW: The Bartholomew County Rural Electric Membership Corp., Columbus, Indiana (James C. Cooley, Supt., and Bevington-Williams, Inc., Indianapolis, Engineer) has awarded a contract to the Miller Baxter Company, Indianapolis, for building the first section of the project consisting of 91 miles of line. The successful bid was \$78,821.69.

317. IOWA 41 HANCOCK: The Hancock County Rural Electric Cooperative, Garner, Iowa, (Verne L. Hein, Supt., and the Iowa Farm Bureau, Des Moines, Engineer) has awarded a contract to the Sandberg & Johnston Construction Co., Hampton, for building the first section of the project consisting of 117 miles of line. The successful bid was \$80,115.

318. MAINE 2 PENOBCOT: The Kingman Electric Company, Kingman, Maine, (W. H. Smith, Supt., and J. N. Mullen, Houlton, Maine, Engineer) has awarded a contract to William E. Snell, Vineland, New Jersey, for building the entire project, consisting of 68.5 miles of line. The successful bid was \$63,807.97.

185. MICHIGAN 26 INGHAM: The Tri-County Electric Cooperative, Eaton Rapids, Michigan (Dolph Wolf, Supt., and C. C. Nocker, Lansing, Engineer) has awarded a contract to the Ulen Contracting Corporation, Lebanon, Indiana, for building the second section of the project consisting of 140 miles of line. The successful bid was \$121,605.89.

104. MISSOURI 27 ANDREW: The Northwest Missouri Electric Cooperative, Savannah, Missouri (J. Ray Lambright, Supt., and E. T. Archer & Co., Kansas City, Mo., Engineer) has awarded a contract to Williams Bros. & Haas, Inc., Chicago, Illinois, for building the second section of the project, consisting of 99 miles of line. The successful bid was \$74,486.45.

319. MISSOURI 28 BARTON: The Barton County Electric Cooperative, Lamar, Missouri, (Claypool Daugherty, Lamar, Supt., and E. T. Archer & Company, Kansas City, Engineer) has awarded a contract to the Cook-O'Brien Construction Company, Kansas City, for building the entire project consisting of 196 miles of line. The successful bid was \$126,268.35.

320. MISSOURI 30 LAWRENCE: The Ozark Electric Cooperative, Mt. Vernon, Missouri, (W. L. Boucher, Supt., and Sverdrup & Parcel, St. Louis, Engineer) has awarded a contract to Williams Bros. and Haas, Inc., Chicago, Illinois, for building the first section of the project consisting of 137 miles of line. The successful bid was \$106,814.83.

321. OHIO 32 BELMONT: The Belmont Electric Cooperative, Inc., St. Clarisville, Ohio, (Harry McAllister, Superintendent, and W. R. Cutnaw, Columbus, Engineer) has awarded a contract to Day and Zimmerman, Packard Building, Philadelphia, Pa., for building the entire project consisting of 120 miles of line. The successful bid was \$84,198.04.

OHIO 39 PAULDING

69. OHIO 39 PAULDING: The Paulding-Putnam Electric Cooperative, Inc., Paulding, Ohio (V. E. Patterson, Supt., and C. C. Noecker, Southern Michigan Engineering Corp., Engineer) has awarded a contract to the Davis-Hydaker Company, Spencerville, Ohio, for building the second section of the project consisting of 124 miles of line. The successful bid was \$95,838.42.

OREGON 2 LANE: The Blachly-Lane County Cooperative Electric Association, Blachly, Oregon (V. A. Parker, Supt., and Baar & Cunningham, Portland, Engineer) has awarded a contract to the Bennett & Taylor Co., Portland, Oregon, for constructing a generating plant building, dam and pipe line for the project. The successful bid was \$36,577.30.

322. TEXAS 61 COLEMAN: The Coleman County Electric Cooperative, Inc., Coleman, Texas (S. R. Hale, Supt., and William G. Morrison, Waco, Engineer) has awarded a contract to H. J. Hall & Company, Manhattan, Kansas, for building the entire project, consisting of 106 miles of line. The successful bid was \$70,627.44.

323. TEXAS 64 SAN AUGUSTINE: The Deep East Texas Electric Cooperative, Inc., San Augustine, Texas (D. N. Beasley, Supt., and William G. Morrison, Waco, Engineer) has awarded a contract to R. W. Kinney, Nacogdoches, Texas, for building the entire project consisting of 136 miles of line. The successful bid was \$87,079.97.

229. WASHINGTON 18 SPOKANE: The Inland Empire Electrification, Inc., Spokane, Washington (G. H. Bell, Supt., and the Rocky Mountain Engineering Co., Spokane, Engineer) has awarded a contract to Fritz Ziebarth, Long Beach, California, for building the third section of the project consisting of 178 miles of line. The successful bid was \$146,230.40.

INVITATIONS TO BID

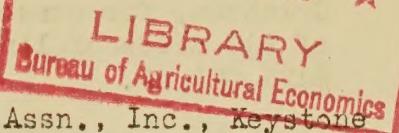
NEW MEXICO 9 CURRY: The Farmers Electric Membership Corporation, Clovis, New Mexico (Oliver W. Kimbrough, Supt., and Carl C. Cox, Amarillo, Texas, Engineer) has invited bids on the construction of the entire project, consisting of 199 miles of line. Bids were opened June 14.

## RURAL ELECTRIFICATION ADMINISTRATION

## CONSTRUCTION REPORT NO. 30

July 5, 1938

This bulletin announces construction contracts and invitations to bid between June 16 and July 5, 1938:

CONSTRUCTION CONTRACTS

324. FLORIDA 14 CLAY: The Clay Electric Cooperative Assn., Inc., Keystone Heights, Florida, (Elmer E. Theis, Superintendent, and A. P. Michaels, Orlando, Engineer) has awarded a contract to R. H. Bouliigny, Inc., Charlotte, North Carolina, for building the entire project, 137 miles of line to serve 445 customers. The successful bid was \$73,820.33.

325. MISSOURI 31 MISSISSIPPI: The Scott-New Madrid-Mississippi Cooperative Assn., Sikeston, Missouri (H. M. Zaricor, Benton, Superintendent and E. T. Archer & Co., Kansas City, Engineer) has awarded a contract to the Stuart C. Irby Company, Jackson, Mississippi, for building the entire project, consisting of 176 miles of line to serve 589 customers. The successful bid was \$130,104.37.

326. MONTANA 13 FLATHEAD: The Flathead Light and Power Association, Kalispell, Montana (John Norlin, Creston, Superintendent, and J. M. Garrison, Helena, Engineer) has awarded a contract to the Cahill Mooney Construction Company, Butte, Montana for building the entire project, which consists of 123 miles of line to serve 272 customers. The successful bid was \$98,698.82.

NORTH DAKOTA 8 BENSON: The Baker Electric Cooperative, Inc., Baker, North Dakota, (Palmer Stadium, Superintendent and M. S. Hyland, Fargo, Engineer) has contracted to purchase materials from the Graybar Electric Company, Phelps Dodge Company, J. E. Sumpfer, and the General Electric Company, for construction of a 13-mile addition to their project.

71. OHIO 33 AUGLAIZE: The Western Farm Bureau Electric Cooperative, Inc., St. Marys, Ohio (Thomas Kern, Superintendent; Farm Bureau Rural Electric Cooperative Association, Columbus, Engineer) has awarded a contract to the Davis-Hydaker Company, Spencerville, Ohio, for constructing the second section of this project, which consists of 118 miles of line to serve 413 customers. The successful bid was \$95,969.21.

169. OHIO 41 LICKING: (The Licking Rural Electrification, Inc., Newark, Ohio, (C. D. Dunlap, Superintendent and R. P. Ewing, New York, N. Y., Engineer) has awarded a contract to the C. K. Henry Electric Company, Cuyahoga Falls, Ohio, for building the second section of this project, 135 miles of line. The successful bid was \$101,408.76.

327. OHIO 83 HURON: (The Firelands Electric Cooperative, Inc., Norwalk, Ohio, (M. J. Wilhelm, Superintendent and Southern Michigan Engineering Corporation, Lansing, Michigan, Engineer) has awarded a contract to the Bigley Electric Company, Findlay, Ohio, for building the first section of this project, consisting of 101 miles of line to serve 275 customers.

107. OKLAHOMA 1 KINGFISHER: The Consumers Rural Electric Company, Kingfisher, Oklahoma (Roy Boecher, Superintendent and Ingram Jones, Oklahoma City, Engineer) has awarded a contract to Mattison-Wallack and Company, Britton, Oklahoma, for constructing the second section of this project, consisting of 212 miles of line to serve 500 customers. The successful bid was \$121,001.09.

328. WASHINGTON 23 GRAYS HARBOR: The Quinault Light Company, Quinault, Washington, (F. H. Nichols, Superintendent and Baar & Cunningham, Portland, Oregon, Engineer) has awarded a contract for building the distribution lines for this project, 24 miles, to the NePage McKenny Company, Seattle, Washington. The successful bid was \$26,283.06.

INVITATIONS TO BID

SOUTH CAROLINA 9 RICHLAND: The State Rural Electrification Authority, Columbia, South Carolina (U. X. Cullum, Engineer) has invited bids on the construction of the second section of this project, consisting of two units one of 137 miles of line and the other 118. Bids will be opened on July 18, 1938.

## RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 31

AUGUST 4, 1938

This bulletin announces construction contracts approved between July 6 and July 29, 1938:

329. ILLINOIS 28 CHAMPAIGN. The Illinois Electric Cooperative, Champaign, (Vernon C. Green, Supt.) has awarded a contract to the Cater Construction Co., Kansas City, Mo., for building the entire project of 190 miles, to serve 500 customers. The successful bid was \$131,199.74.

183. IOWA 34 JONES. The Maquoketa Valley Rural Electric Corporation, Anamosa, (Edgar D. Beach, Supt., and K. R. Brown, Des Moines, Engineer) has awarded the Marshall Electric Co., Marshalltown, Iowa, a contract for building the second section of this project, consisting of 126 miles of line, to serve 294 customers. The successful bid was \$92,976.23.

330. KANSAS 22 DONIPHAN. The Doniphan Electric Cooperative Association, Inc., Troy, (William J. Groh, Supt., and E. T. Archer & Co., Kansas City, Engineer) has awarded the A. W. Mosley Co., Kansas City, a contract for building the entire project of 132 miles of line to serve 256 customers. The successful bid was \$79,691.33.

MICHIGAN 26 INGHAM. The Tri-County Electric Cooperative, Eaton Rapids, (Dolph Wolf, Supt., and C. C. Noecker, Lansing, Engineer) has awarded a contract to the Worthington Pump and Mach. Co., Harrison, New Jersey, for supplying the generating equipment for the project. The successful bid was \$62,856.

186. MICHIGAN 28 PRESQUE ISLE. The Presque Isle County Electric Cooperative Association, Onaway, (Albert Hall, Supt. and C. C. Noecker, Lansing, Engineer) has awarded the Ulen Contracting Corporation, Lebanon, Indiana, a contract for building the second section of the project, consisting of 97 miles of line, to serve 406 customers. The successful bid was \$97,350.47.

331. MICHIGAN 33 CHARLEVOIX. The Top O'Michigan Rural Electric Company, Boyne City, Michigan (Thomas A. Colter, Supt., and Roy A. White, Grand Rapids, Engineer) has awarded the Monroe Electric Co., Chicago, Ill., a contract for building the first two sections of the project, totaling 250 miles of line to serve 945 customers. The successful bid was \$245,735.01.

103. MINNESOTA 53 WASECA. The Steele-Waseca Cooperative Electric Corp., Waseca, (L. P. Zimmerman, Supt., and the Pillsbury Engineering Co., Minneapolis, Engineer) has awarded Zontelli Brothers and E. A. Reither, Aitkin, a contract for building the second section of this project, consisting of 104 miles of line to serve 270 customers. The successful bid was \$35,811.71.

332. MISSOURI 12 PEMISCOT. The Pemiscot Electric Cooperative Association, Caruthersville, (John W. Asher, Sr., Supt., and Sverdrup and Parcel, St. Louis, Engineer) has awarded the Porter-DeWitt Construction Co., Kirkwood, a contract for building the entire project of 168 miles of line to serve 429 customers. The successful bid was \$116,447.70.

333. NEW MEXICO 9 CURRY. The Farmers Electric Membership Corporation, Clovis, (Oliver W. Kimbrough, Supt., and Carl C. Cox, Amarillo, Texas, Engineer) has awarded the Reinhart and DeNovan Co., Oklahoma City, Oklahoma, a contract for building the first section of the project consisting of 199 miles of line to serve 465 customers. The successful bid was \$62,136.38.

334. NORTH CAROLINA 21 SAMPSON. The Four-County Electric Membership Corporation, Kerr, (S. S. Shubrick, Supt., and G. C. Bullard, Engineer) has awarded the Harrison Wright Co., Charlotte, a contract for building the entire project of 142 miles of line to serve 443 customers. The successful bid was \$80,993.41.

332. OHIO 65 FAIRFIELD. The South Central Rural Electric Cooperative, Inc., Lancaster (Darwin Kindler, Manager, and the Farm Bureau Rural Electric Cooperative, Columbus, Engineer) has awarded the Andrews Asphalt Paving Co., Hamilton, a contract for building the third section of the project, consisting of 210 miles of line to serve 741 customers. The successful bid was \$156,942.46.

335. OKLAHOMA 15 TILLMAN. The Southwest Rural Electric Cooperative, Tipton, (Tom Moran, Supt., and E. T. Archer & Co., Kansas City, Missouri, Engineer) has awarded the B & M Construction Co., Oklahoma City, a contract for building the entire project of 160 miles of line, to serve 500 customers. The successful bid was \$108,641.71.

336. OKLAHOMA 16 PONTOTOC. The Interstate Cooperative Electric and Power Company, Ada (R. H. Harper, Supt.) has awarded the Sheehan Pipe Line Construction Co., Tulsa, a contract for building the entire project of 130.3 miles of line to serve 376 customers. The successful bid was \$95,843.84.

92. VIRGINIA 11 ROCKINGHAM. The Shenandoah Valley Electric Cooperative, Harrisonburg (L. E. Long, Supt., and E. W. Hover, Engineer) has awarded the Perkins-Barnes Construction Co., Blackstone, a contract for building the third section of the project, consisting of 93 miles of line to serve 255 customers. The successful bid was \$69,647.32.

337. VIRGINIA 31 MECKLENBURG. The Mecklenburg Electric Cooperative, Boydton (J. E. Smith, Supt., and Herbert J. Baer, Boylton, Engineer) has awarded the Virginia Caroline Electric Works, Norfolk, a contract for building the first section of the project, consisting of 136 miles of line to serve 360 customers. The successful bid was \$86,725.86.

## RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 32

AUGUST 29, 1938

This bulletin announces construction contracts approved between July 30 and August 27, 1938:

338. FLORIDA 16 SUMTER. The Sumter Electric Cooperative Association, Inc., Bushnell, (W. D. Kirkland, Supt. and A. P. Michaels, Orlando, Engineer) has awarded the Bigby Electric Co., Tampa, and the Ivy Smith Co., Jacksonville, a contract to build the entire project of 171 miles of line to serve 510 customers. The successful bid was \$105,692.72.

16. GEORGIA 35 WALTON. The Walton Electric Membership Corp., Monroe, (John L. Snow, Supt. and the J. B. McCrary Engineering Corp., Atlanta, Engineer) has awarded a contract to R. H. Bouligny, Inc., Charlotte, North Carolina, for building the third section of the project, consisting of 150 miles of line to serve 573 customers. The successful bid was \$102,870.41.

339. ILLINOIS 29 SHELBY. The Shelby Electric Cooperative, Shelbyville, (Lester Boys, Supt., and Young and Stanley, Muscatine, Iowa, Engineer) has awarded a contract to the Phelan Construction Company, Davenport, Iowa, for building the entire project consisting of 181.1 miles of line to serve 363 customers. The successful bid was \$126,934.

340. KANSAS 3 BARTON. The Utility Service Co., Hoisington (John R. Murphy, Mgr., and A. W. Hefling, Hutchinson, Engineer) has awarded a contract to A. W. Mosley, Kansas City, Missouri, for building the entire project of 30.5 miles of line to serve 140 customers. The successful bid was \$24,378.57.

341. KANSAS 18 SEDGWICK. The Sedgwick County Electric Cooperative Association, Inc., Goddard (Lloyd V. Decker, Supt., and E. T. Archer & Co., Kansas City, Mo., Engineer) has awarded a contract to Reinhart & Donovan Co., Oklahoma City, Oklahoma, for building the entire project consisting of 180 miles of line to serve 332 customers. The successful bid was \$111,598.99.

64. NORTH CAROLINA 16 EDGECOMBE. The Edgecombe-Martin County Electric Membership Corp., Tarboro (J. T. Hagans, Supt., and J. C. Martin and J. T. Hagans, first and second sections engineers) has awarded a contract to R. H. Bouligny, Inc., Charlotte, for building the second section of the project consisting of 107 miles of line to serve 320 customers. The successful bid was \$56,440.01.

147. OHIO 60 SENECA. The North Central Farm Bureau Electric Cooperative, Inc., Attica (R. J. Williams, Supt., and the Ohio Farm Bureau R. E. Cooperative, Columbus, Engineer) has awarded a contract to the Superior Construction Co., Youngstown, for building the second section of the project, consisting of 160 miles of line to serve 450 customers. The successful bid was \$105,764.89.

342. OHIO 84 CARROLL. The Carroll Electric Cooperative, Inc., Carrollton, (Harry Merrick, Supt., and R. P. Ewing, New York City, Engineer) has awarded a contract to the O'Rourke Electric Service Co., Mt. Vernon, for building the entire project consisting of 137 miles of line to serve 360 customers. The successful bid was \$99,163.92.

343. SOUTH CAROLINA 14 AIKEN. The Aiken County Rural Electric Association, Aiken, (T. W. Henderson, Supt. and Engineer) has awarded a contract to Wheatley and Mobley, Augusta, Georgia, for building the entire project consisting of 154 miles of line to serve 429 customers. The successful bid was \$72,187.21.

149. TENNESSEE 9 MACON. The Tri-County Electric Membership Corporation, Lafayette, Will H. Sullivan, Supt., and Pat. M. Sullivan, Atlanta, Georgia, Engineer) has awarded a contract to R. H. Bouligny, Inc., Charlotte, North Carolina, for building the third section of the project, consisting of 245 miles of line to serve 1,166 customers. The successful bid was \$171,812.38.

344. WISCONSIN 47 JACKSON. The Jackson Electric Cooperative, Black River Falls, (E. C. Brown, Supt., and the Wisconsin Rural Electric Cooperative Association, Madison, Engineer) has awarded a contract to Snyder & Johnson, Inc., Humboldt, for building the entire project consisting of 147 miles of line to serve 411 customers. The successful bid was \$111,110.43.

This bulletin announces construction contracts approved and invitations to bid between August 30 and September 19, 1938:

286. GEORGIA 74 JEFFERSON. The Jefferson County Electric Membership Corporation, Louisville, Ga., (James B. Polhill, Jr., Supt., and J. B. McCrary, Atlanta, Engineer) has awarded a contract to the Richards Brothers Construction Co., Carrollton, for building the second section of the project, consisting of 182 miles of line to serve 604 customers. The successful bid was \$112,753.

345. GEORGIA 84 COBB. The Cobb County Rural Electric Membership Corporation, Marietta, Ga., (Carl E. Hamby, Supt.) has awarded a contract to the Richards Brothers Construction Co., Carrollton, for building the entire project, consisting of 160 miles of line to serve 522 customers. The successful bid was \$94,632.54.

41. IOWA 23 CRAWFORD. The South Crawford Rural Electric Cooperative, Manning, Iowa, (Harry W. Frank, Supt., and H. S. Nixon, Omaha, Nebraska, Engineer) has awarded a contract to the Elkhorn Construction Co., Norfolk, Nebraska, for building the second section of the project, consisting of 46 miles of line to serve 91 customers. The successful bid was \$31,742.59.

131. IOWA 32 BUTLER. The Butler County Rural Electric Cooperative, Allison, Iowa, (E. N. Neal, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to the Midland Construction Co., Inc., Chicago, Illinois, for building the second section of the project, consisting of 131 miles of line to serve 255 customers. The successful bid was \$86,012.72.

132. IOWA 36 WRIGHT. The Wright County Rural Electric Cooperative, Clarion, Iowa, (George C. Kirkstein, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to Sandberg and Johnston Co., Hampton, Iowa, for building the second section of the project, consisting of 176 miles of line to serve 410 customers. The successful bid was \$103,204.51.

317. IOWA 41 HANCOCK. The Hancock County Rural Electric Cooperative, Garner, Iowa (Verne L. Hein, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to Sandberg and Johnston, Hampton, Iowa, for building the second section of the project, consisting of 231 miles of line to serve 426 customers. The successful bid was \$133,673.47.

134. IOWA 49 HARDIN. The Hardin County Rural Electric Cooperative, Iowa Falls, Iowa (Ben Jaspers, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to the Midland Construction Co., Inc., Chicago, Ill., for building the second section of the project, consisting of 169 miles of line to serve 349 customers. The successful bid was \$108,885.95.

346. KENTUCKY 20 McCracken. The Jackson-Purchase Rural Electric Cooperative Corp., Paducah, Kentucky (C. D. Harris, Supt., and Ray W. Chanaberry, Louisville, Engineer) has awarded a contract to Miller Baxter Company, Inc., Indianapolis, Indiana, for building the second section of the project, consisting of 60 miles of line to serve 186 customers. The successful bid was \$38,192.54.

347. LOUISIANA 10 WASHINGTON. The Washington-St. Tammany Rural Electric Membership Corp., Franklinton, Louisiana (N. E. Taylor, Supt., and P. D. Carter, Engineer) has awarded a contract to John Oman, Jr., Nashville, Tennessee, for building the entire project consisting of 135 miles of line to serve 335 customers. The successful bid was \$74,453.10.

187. MICHIGAN 37 HURON. The Thumb Electric Cooperative, Ubly, Michigan (Frank Wilson, Supt., and the Southern Michigan Engineering Corp., Lansing, Engineer) has awarded a contract to the Laird Construction Co., Battle Creek, Mich., for building extensions to the project consisting of 72 miles of line to serve 166 customers. The successful bid was \$42,862.01.

348. MISSISSIPPI 26 PANOLA. The Tallahatchie Valley Electric Power Association, Batesville, Miss., (William H. Saxton, Supt., and Thomas H. Allen, Engineer) has awarded a contract to the Stuart C. Irby Company, Jackson, Miss., for building the entire project consisting of 271 miles of line to serve 800 farms. The successful bid was \$184,814.40.

148. OKLAHOMA 2 KAY. The Kay County Electric Cooperative, Blackwell, Oklahoma (P. H. Foster, Supt., and E. T. Archer & Co., Kansas City, Missouri, Engineer) has awarded a contract to the Ainsworth Construction Co., Dallas, Texas, for building another section of the project, consisting of 189 miles of line to serve 319 customers. The successful bid was \$95,175.

#### INVITATIONS TO BID

INDIANA 11 WARREN. The Warren County Rural Electric Membership Corporation, Williamsport, Indiana (Lee Rhode, Supt., and the Indiana Statewide Rural Electric Membership Corp., Indianapolis, Engineer) has invited bids on the construction of the entire project, consisting of 254 miles of line. Bids will be opened on or before 10 A.M., Central Standard Time, September 27.

INDIANA 18 RUSH. The Rush County Rural Electric Membership Corp., Rushville, Indiana (Oscar E. Newhouse, Supt., and the Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of the second section of the project, consisting of 112 miles of line. Bids were opened September 20.

INDIANA 42 PARKE The Parke County Rural Electric Membership Corporation, Rockville, Indiana (C. H. Seybold, Supt., and the Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of the entire project, consisting of 267 miles of line. Bids will be opened on or before 10 A. M., Central Standard Time, September 28.

INDIANA 88 KOSCIUSKO. The Kosciusko County Rural Electric Membership Corp., Warsaw, Indiana (Daniel K. Leininger, Supt., and the Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of the entire project, consisting of  $325\frac{1}{2}$  miles of line. Bids will be opened on or before 10 A. M., Central Standard Time, September 29.

MONTANA 9 YELLOWSTONE. The Yellowstone Valley Electrification Association, Huntley, Montana (J. E. Pickens, Supt., and James M. Garrison, Helena, Engineer) has invited bids on the construction of the third section of the project, consisting of 128 miles of line. Bids were opened August 31.

## RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 34

OCTOBER 4, 1938

This bulletin announces construction contracts approved and invitations to bid between September 21 and October 3, 1938:

CONSTRUCTION CONTRACTS

15. GEORGIA 34 CARROLL: The Carroll Electric Membership Corporation, Carrollton, (L. L. Hardin, Jr., Supt., and the J. B. McCrary Engineering Corporation, Atlanta, Engineer) has awarded a contract to Richards Brothers, Carrollton, for building the second section of the project, consisting of 131 miles of line to serve 469 customers. The successful bid was \$85,055.28.
232. IDAHO 10 NEZ PERCE: The Clearwater Valley Light and Power Association, Lewiston (A. R. Mushlitz, Supt., and T. C. Smith, Engineer) has awarded a contract to the O. A. Carlson Electric Co., Seattle, Washington, for building another section of the project, consisting of 100 miles of line to serve 221 customers. The successful bid was \$73,819.49.
316. INDIANA 21 BARTHOLOMEW: The Bartholomew County Rural Electric Membership Corporation, Columbus (James C. Cooley, Supt., and Bevington-Williams, Inc., Indianapolis, Engineer) has awarded a contract to the Miller-Baxter Company, Indianapolis, for building the second section of the project, consisting of 175 miles of line to serve 371 customers. The successful bid was \$113,994.52.
283. INDIANA 29 FULTON: The Fulton County Rural Electric Membership Corporation, Rochester (Ralph L. Murray, Supt., and J. C. Ashby, Indiana Statewide REMC, Indianapolis, Engineer) has awarded a contract to the Ulen Contracting Corporation, Lebanon, Indiana, for building the second section of the project consisting of 166 miles of line to serve 460 customers. The successful bid was \$129,824.35.
216. INDIANA 80 NOBLE: The Noble County Rural Electric Membership Corporation, Albion, Indiana (Edmund E. Fritz, Supt., and Indiana Statewide REMC, Indianapolis, Engineer) has awarded a contract to the Ulen Contracting Corporation, Lebanon, for building the second section of the project, consisting of 151 miles of line to serve 440 customers. The successful bid was \$118,158.55.
113. IOWA 14 HUMBOLDT: The Humboldt County Rural Electric Cooperative, Humboldt, (John H. Scoltock, Supt., and Young and Stanley, Muscatine, Engineer) has awarded a contract to the Snyder and Johnson Co., Inc., Humboldt, Iowa, for building another section of the project, consisting of 181 miles of line to serve 342 customers. The successful bid was \$148,000.
130. IOWA 30 FRANKLIN: The Franklin Rural Electric Cooperative, Hampton, Iowa, (Dallas M. Harrison, Supt., and Buell & Winter, Sioux City, Iowa, Engineer) has awarded a contract to the Sandberg & Johnson Construction Co., Iowa Falls, for building another section of the project, consisting of 78 miles of line to serve 141 customers. The successful bid was \$62,770.
115. IOWA 31 GRUNDY: The Grundy County Rural Electric Cooperative, Grundy Center, Iowa (R. F. Cramer, Supt., and Young and Stanley, Muscatine, Engineer) has awarded a contract to C. R. Cento, Decatur, Illinois, for building the second section of the project, consisting of 295 miles of line to serve 620 customers. The successful bid was \$220,727.68.

116. IOWA 33 CALHOUN: The Calhoun County Rural Electric Cooperative Association, Rockwell City (L. M. Lorenzen, Supt., and Young and Stanley, Muscatine, Engineer) has awarded a contract to the Hoak Construction Company, Des Moines, for building the third section of the project, consisting of 204 miles of line to serve 416 customers. The successful bid was \$146,961.65.

133. IOWA 38 POCAHONTAS: The Pocahontas County Rural Electric Cooperative, Pocahontas (Harry W. Day, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to the Snyder and Johnson Company, Humboldt, Iowa, for building the second section of the project, consisting of 197 miles of line to serve 456 customers. The successful bid was \$139,982.

184. IOWA 43 GREENE: The Greene County Rural Electric Cooperative, Jefferson, (Clifford E. Unz, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to Ferguson and Diehl, Jefferson, Iowa, for building the second section of the project, consisting of 142 miles of line to serve 353 customers. The successful bid was \$95,575.42.

157. KENTUCKY 37 OWEN: The Owen County Rural Electric Cooperative Corporation, Owenton (Chester Roland, Supt., and Ray Chanaberry, Louisville, Engineer) has awarded a contract to the Henry Bickel Company, Louisville, for building the second section of the project, consisting of 188 miles of line to serve 607 customers. The successful bid was \$132,816.

349. KENTUCKY 49 CLARK: The Clark Rural Electric Cooperative Corporation, Inc., Winchester, Kentucky (A. C. Lockridge, Supt., and Ray W. Chanaberry, Inc., Louisville, Engineer) has awarded a contract to the Codell Construction Co., Winchester, Kentucky, for building the entire project, consisting of 171 miles of line, to serve 370 customers. The successful bid was \$104,674.25.

350. KENTUCKY 52 FLEMING: The Fleming-Mason Electric Cooperative Corporation, Inc., Flemingsburg, Kentucky (James K. Smith, Supt., and Ray W. Chanaberry, Inc., Louisville, Engineer) has awarded a contract to the A. A. Electric Company, Cicero, Illinois, for building the entire project, consisting of 205 miles of line to serve 618 customers. The successful bid was \$149,565.96.

185. MICHIGAN 26 INGHAM: The Tri-County Electric Cooperative, Portland, Michigan, (Dolph Wolf, Supt., and C. C. Noecker, Lansing, Engineer) has awarded a contract to the Ulen Contracting Corporation, Lebanon, Indiana, for building the third section of the project, consisting of 800 miles of line to serve 3,200 customers. The successful bid was \$746,484.77.

161. MINNESOTA 55 WATONWAN: The South Central Electric Association, St. James, Minnesota (Edward C. Moier, Supt., and Bannister Engineering Company, St. Paul, Engineer) has awarded a contract to E. W. Wylie, Inc., St. Paul, for building the second section of the project, consisting of 290 miles of line to serve 513 customers. The successful bid was \$197,990.74.

351. MISSISSIPPI 31 WASHINGTON: The Twin County Electric Power Association, Hollandale, Mississippi (H. G. Woodruff, Supt., and E. A. Bowman, Jackson, Engineer) has awarded a contract to W. L. Coston & Sons Co., Bessemer, Alabama, for building the entire project, consisting of 198 miles of line to serve 835 customers. The successful bid was \$122,334.60.

352. MISSISSIPPI 34 LEEFLORE: The Delta Electric Power Association, Greenwood, (Robert F. Harrison, Supt., and E. A. Bowman, Jackson, Engineer) has awarded a contract to W. L. Coston & Sons, Bessemer, Alabama, and the Delta Construction Company, Clarksdale, Mississippi, for building the first and second sections of the project, consisting of 474 miles of line to serve 2,430 customers. The successful bids were \$154,481.70 and \$107,080.75.

166. MONTANA 9 YELLOWSTONE: The Yellowstone Valley Electrification Association, Huntley, Montana (J. E. Pickens, Supt., and James M. Harrison, Helena, Engineer) has awarded a contract to the D. M. Manning Co., Hysham, Montana, for building the second section of the project, consisting of 114 miles of line to serve 300 customers. The successful bid was \$97,203.

353. NORTH DAKOTA 13 FOSTER: The Tri-County Electric Cooperative, Inc., Glenfield (C. F. Bohner, President, and M. S. Hylton, Fargo, Engineer) has awarded a contract to the Northwestern Engineering Company, Rapid City, South Dakota, for building the first section of the project, consisting of 84 miles of line to serve 300 customers. The successful bid was \$75,693.

354. SOUTH CAROLINA 9 RICHLAND: The State Rural Electrification Authority, Columbia, South Carolina (U. X. Cullum, Engineer) has awarded a contract to J. B. Britton, Sumter, for building another section of the project, consisting of 256 miles of line to serve 1,149 customers. The successful bid was \$181,907.64.

INVITATIONS TO BID

INDIANA 11 WARREN: The Warren County Rural Electric Membership Corporation, Williamsport (Lee Rhode, Supt., and the Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of the entire project, consisting of 290 miles of line. Bids were opened September 27.

INDIANA 37 JAY: The Jay County Rural Electric Membership Corporation, Portland (John M. Macklin, Supt., and the Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of the second section of the project, consisting of 225 miles of line. Bids were opened September 20.

INDIANA 41 LaGRANGE: The LaGrange County Rural Electric Membership Corp., LaGrange (J. Robert Hayes, Supt., and Indiana Statewide REMC, Engineer) has invited bids on the construction of the entire project, consisting of 244 miles of line. Bids were opened September 20.

INDIANA 42 PARKE: The Parke County Rural Electric Membership Corporation, Rockville (O. H. Seybold, Supt., and Indiana Statewide REMC, Engineer) has invited bids on the construction of the entire project, consisting of 267 miles of line. Bids were opened September 28.

INDIANA 53 STEUBEN: The Steuben County Rural Electric Membership Corp., Angola (R. A. Baker, Pres., and Indiana Statewide REMC, Engineer) has invited bids on the construction of 255 miles of line, the entire project. Bids were opened October 4.

INDIANA 59 WAYNE: The Wayne County Rural Electrification Membership Corporation, Richmond, Indiana (Lester Snyder, Supt., and James C. Ashby, Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of 172 miles of line for the project. Bids will be opened October 5.

INDIANA 88 KOSCIUSKO: The Kosciusko County Rural Electric Membership Corp., Warsaw, Indiana (Daniel K. Leininger, Supt., and Indiana Statewide REMC, Engineer) has invited bids on the construction of the entire project, consisting of 367 miles of line. Bids were opened September 29.

LOUISIANA 3 TERREBONNE: The South Louisiana Electric Cooperative Association, Houma (Owen Walther, Pres.,) has invited bids on the construction of the entire project, consisting of 113 miles of line. Bids were opened October 4.

TEXAS 44 HUNT: The Hunt-Collin Electric Cooperative, Inc., Greenville, Texas (E. T. Fry, Supt., and Freese and Nichols, Engineer) has invited bids on the construction of the second section of the project, consisting of 74 miles of line. Bids will be opened October 5.

TEXAS 50 GRAYSON: The Grayson-Collin Electric Cooperative, Inc., Van Alstyne, Texas (H. P. Block, Supt., and Freese and Nichols, Engineer) has invited bids on the construction of the second section of the project, consisting of 175 miles of line. Bids were opened October 4.

TEXAS 63 NAVARRO: The Navarro County Electric Cooperative, Inc., Corsicana, Texas (Clyde Kines, Supt., and Freese & Nichols, Fort Worth, Engineer) has invited bids on the construction of the second section of the project, consisting of 146 miles of line. Bids will be opened October 6.

RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 35

OCTOBER 14, 1938

This bulletin announces construction contracts approved and invitations to bid between October 5 and October 13, 1938:

CONSTRUCTION CONTRACTS

355. ALABAMA 22 BUTLER: The Butler County Electric Membership Corporation, Greenville, (Edwin H. Wallace, Supt., and the Rural Electrification Authority, Montgomery, Engineer) has awarded a contract to the Smith Engineering and Construction Company, Pensacola, Florida, for building the entire project, consisting of 271 miles of line to serve 750 customers. The successful bid was \$137,469.94.

33. IOWA 5 CARROLL: The Glidden Rural Electric Cooperative, Glidden, (Thomas Conner, Supt., and Young and Stanley, Muscatine, Engineer) has awarded a contract to the Hoak Construction Co., Des Moines, for building another section of the project, consisting of 103 miles of line to serve 213 customers. The successful bid was \$85,418.64.

313. MICHIGAN 40 ALLEGAN: The O and A Electric Cooperative, Zeeland (Bruce Watkins, Supt., and Canavan and Long, Chicago, Illinois, Engineer) has awarded a contract to the Donovan Construction Co., St. Paul, Minn., for building the second section of the project, consisting of 859 miles of line to serve 2,000 customers. The successful bid was \$775,889.85.

119. MINNESOTA 1 KANABEC: The P.I.C.K. Cooperative Electric Association, Braham, (Beauford Johnson, Supt., and Federated Electric Cooperative Ass'n, Minneapolis, Engineer) has awarded a contract to the Acme Construction Co., St. Paul, and Martin Wunderlich for building the second section of the project consisting of 259 miles of line to serve 799 customers. The successful bid was \$190,661.

45. MINNESOTA 3 MEEKER: The Meeker Cooperative Light and Power Association, Litchfield (Irving J. Clinton, Supt., and H. McDonald, Litchfield, Engineer) has awarded a contract to the Sterling Electric Company, Minneapolis, for building another section of the project, consisting of 155 miles of line to serve 418 customers. The successful bid was \$133,313.69.

64. MINNESOTA 34 STEARNS: The Stearns Cooperative Electric Association, Melrose, (Chrys P. Stalberger, Supt., and Ellerbe & Co., St. Paul, Engineer) has awarded a contract to E. W. Wylie, Inc., St. Paul, for building the second section of the project, consisting of 509 miles of line. The successful bid was \$395,040.

160. MINNESOTA 35 BROWN: The Brown County Rural Electrical Association, Sleepy Eye (Hillman Rosseth, Supt., and Pillsbury Engineering Co., Minneapolis, Engineer) has awarded a contract to Zontelli Brothers and E. A. Reither, Crosby and Aitkin, Minnesota, for building the second section of the project, consisting of 290 miles of line to serve 610 customers. The successful bid was \$205,312.48.

192. MINNESOTA 62 WRIGHT: The Wright-Hennepin Cooperative Electric Association, Cokato (Edward R. Slebiska, Supt., and Federated Electric Cooperative Ass'n, Minneapolis, Engineer) has awarded a contract to the Avoldson Construction Co., Litchfield, Minnesota, for building the second section of the project, consisting of 197 miles of line to serve 551 customers. The successful bid was \$155,285.

193. MINNESOTA 63 SCOTT: The Minnesota Valley Electric Cooperative, Jordan, (William Saltmarsh, Manager, and Bannister Engineering Company, St. Paul, Engineer) has awarded a contract to the Acme Construction Co., and Martin Wunderlich, St. Paul, for building another section of the project, consisting of 236 miles of line to serve 487 customers. The successful bid was \$188,530.

195. MINNESOTA 66 NOBLES: The Nobles Cooperative Electric, Worthington, (Jay H. Seymour, Supt., and the Bannister Engineering Company, St. Paul, Engineer) has awarded a contract to the Acme Construction Co., and Martin Wunderlich, St. Paul, for building another section of the project, consisting of 107 miles of line. The successful bid was \$83,806.

272. MISSISSIPPI 28 HANCOCK: The Hancock Electric Power Association, Bay St. Louis, (C. R. Vickers, Supt., and A. R. Lewis, Jackson, Engineer) has awarded a contract to the Delta Construction Co., Clarksdale, Miss., for building another section of the project, consisting of 82 miles of line to serve 150 customers. The successful bid was \$41,043.

138. MONTANA 5 RICHLAND: The Lower Yellowstone Rural Electrification Association, Sidney, (Eddie J. Williams, Supt., and James H. Garrison, Helena, Engineer) has awarded a contract to Manning and Noyes, Hysham, Montana, for building the second section of the project, consisting of 22 miles of line. The successful bid was \$17,652.31.

356. MONTANA 15 FERGUS: The Fergus County Electric Cooperative Association, Corvallis (H. E. Hall, Supt., and J. M. Garrison, Helena, Engineer) has awarded a contract to the Cahill Mooney Construction Co., Butte, Montana, for building the first section of the project, consisting of 83 miles of line to serve 146 customers. The successful bid was \$64,145.41.

171. OKLAHOMA 6 CADDO: The Caddo County Electric Cooperative, Albert (Billie Bryan, Supt., and E. T. Archer and Co., Kansas City, Missouri, Engineer) has awarded a contract to the B. & M. Construction Co., Oklahoma City, for building another section of the project, consisting of 155 miles of line to serve 347 customers. The successful bid was \$97,596.81.

97. WISCONSIN 31 COLUMBIA: The Columbus Rural Electric Cooperative, Columbus (F. H. Roob, Supt., and Wisconsin Rural Electric Cooperative, Madison, Engineer) has awarded a contract to the Luetty Brothers Utility Construction Co., Beloit, Wisconsin, for building another section of the project, consisting of 49 miles of line to serve 136 customers. The successful bid was \$37,428.19.

112. WISCONSIN 37 TREMPEALEAU: The Trempealeau Electric Cooperative, Arcadia, (M. J. Lawrence, Supt., and Ealy G. Briggs, St. Paul, Minnesota, Engineer) has awarded a contract to Snyder & Johnston, Inc., Humboldt, Iowa, for building the second section of the project, consisting of 183 miles of line to serve 380 customers. The successful bid was \$129,886.81.

125. WISCONSIN 40 BARRON: The Barron County Electric Cooperative, Barron (Frank Havel, Manager, and Wisconsin Rural Electric Cooperative, Madison, Engineer) has awarded a contract to the Commonwealth Electric Co., St. Paul, Minnesota, for building the second section of the project, consisting of 104 miles of line to serve 290 customers. The successful bid was \$78,603.93.

226. WYOMING 11 LINCOLN: The Lower Valley Power and Light, Inc., Freedom (N. V. Fisher, Supt., and Flora and McGaw, Afton, Engineer) has awarded a contract to Bennett and Taylor, Los Angeles, California, for building another section of the project, consisting of 67 miles of line to serve 150 customers. The successful bid was \$60,398.

INVITATIONS TO BID

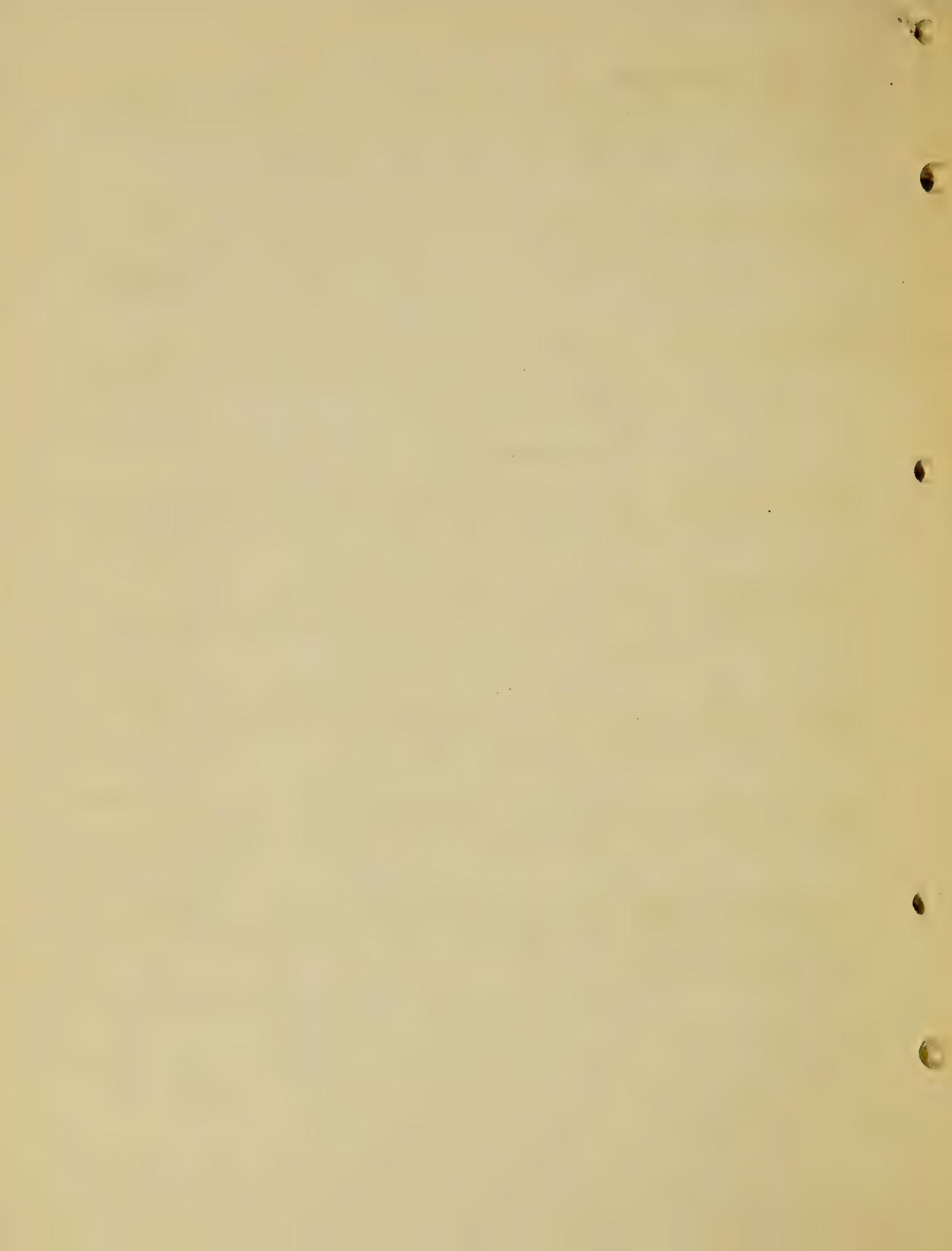
IOWA 56 POWESHIEK: The T.I.P. Rural Electric Cooperative, Brooklyn (W. S. Fisher, President, and K. R. Brown, Valley Bank Building, Des Moines, Iowa, Engineer) has invited bids on the construction of the first section of the project, consisting of 131 miles of line. Bids will be opened October 20.

TEXAS 38 HILL: The Hill County Electric Cooperative, Inc., Itasca (E.D.H. Farrow, Supt., and William G. Morrison, Waco, Texas, Engineer) has invited bids on the construction of the second section of the project. Bids will be opened October 15.

TEXAS 41 PANOLA: The Panola-Harrison Electric Cooperative, Inc., Elysian Fields (T. E. Stephenson, Supt., and William G. Morrison, Waco, Texas, Engineer) has invited bids on the construction of the second section of the project. Bids were opened October 14.

TEXAS 55 FLOYD: The Floyd County Rural Electric Cooperative, Inc., Floydada, (L. W. Chapman, Supt., and Carl C. Cox, Amarillo, Texas, Engineer) has invited bids on the construction of the entire project. Bids were opened October 12.

WASHINGTON 25 COWLITZ: The Public Utility District No. 1 of Cowlitz County, Longview (T. A. Christenson, Supt., and Baar and Cunningham, Portland, Oregon, Engineer) has invited bids on the construction of a substation. Bids will be opened October 29.



## RURAL ELECTRIFICATION ADMINISTRATION

CONSTRUCTION REPORT NO. 36.

NOVEMBER 8, 1938

This bulletin announces construction contracts approved and invitations to bid between October 15 and November 7, 1938:

CONSTRUCTION CONTRACTS

357. GEORGIA 73 DODGE: The Ocmulgee Electric Membership Corporation, Eastman, (R. J. Smith, Supt., and J. B. McCrary Engineering Corp., Atlanta, Engineer) has awarded a contract to the Coffee Construction Company, Eastman, for building the first section of the project, consisting of 155 miles of line to serve 580 customers. The successful bid was \$81,784.

358. IOWA 21 GUTHRIE: The Guthrie County Rural Electric Cooperative Association, Guthrie Center, (J. A. McLuen, Supt., and Buell and Winter Engineering Co., Engineer) has awarded a contract to the Jensen Construction Co., Kimballton, Iowa, for building the first section of the project, consisting of 163 miles of line to serve 275 customers. The successful bid was \$125,058.

129. IOWA 27 BUENA VISTA: The Buena Vista County Rural Electric Cooperative, Storm Lake, (Miles Nelson, Supt., and Iowa Farm Bureau Fed., Des Moines, Engineer) has awarded a contract to Snyder and Johnson, Humboldt, Iowa, for building the second section of the project, consisting of 378 miles of line to serve 707 customers. The successful bid was \$246,908.

359. KENTUCKY 34 BARREN: The Farmers Rural Elec. Coop. Corp., Inc., Glasgow, (H. E. Gardner, Supt., and Ray W. Chanaberry, Inc., Louisville, Engineer) has awarded a contract to the Killoren Electric Co., Appleton, Wisconsin, for building the first section of the project, consisting of 187 miles of line to serve 582 customers. The successful bid was \$132,020.

360. KENTUCKY 35 WARREN: The Warren Rural Electric Cooperative Corporation, Bowling Green, (Lester Wright, Supt., and Ray Chanaberry, Inc., Louisville, Engineer) has awarded a contract to the Killoren Electric Co., Appleton, Wisconsin, for building the first section of the project, consisting of 136 miles of line to serve 375 customers. The successful bid was \$94,306.

188. MICHIGAN 38 CASS: The Fruit Belt Electric Cooperative, Cassopolis, Michigan, (Robert Thompson, Supt., and C. C. Noecker, So. Michigan Engr. Corp., Lansing, Engineer) has awarded a contract to the Laird Construction Co., Battle Creek, Michigan, for building another section of the project, consisting of 565 miles of line to serve 1,883 customers. The successful bid was \$454,000.

308. MICHIGAN 39 VAN BUREN: The Van Buren Electric Cooperative, Paw Paw, Michigan, (C. E. Dow, Supt., and Southern Michigan Engineering Corporation, Lansing, Engineer) has awarded a contract to the Harris-McBurney Company, Jackson, Michigan, for building the second section of the project, consisting of 239 miles of line to serve 1,195 customers. The successful bid was \$212,450.

361. MICHIGAN 43 CHIPPEWA: The Cloverland Electric Cooperative, Sault Sainte Marie, Michigan (H. C. Peasley, Supt., and Southern Michigan Engineering Corporation, Lansing, Engineer) has awarded a contract to E. B. Schwaderer, Cass City, Michigan, for building the first section of the project, consisting of 366 miles of line to serve 1,085 customers. The successful bid was \$278,000.

362. MINNESOTA 39 CHIPPEWA: The Minnesota Valley Cooperative Light and Power Association, Granite Falls, Minnesota (O. W. Swanson, Supt., and W. W. Cutcliffe, Anoka, Engineer) has awarded a contract to Franzen Brothers, Aitkin, Minnesota, for building the first section of the project, consisting of 260 miles of line to serve 550 customers. The successful bid was \$170,893.

314. MINNESOTA 57 OTTERTAIL: The Lake Region Cooperative Electrical Association, Fergus Falls, Minnesota (J. A. Tully, Supt., and Arnold Christopherson, Engineer) has awarded a contract to the E. W. Wylie Co., Inc., St. Paul, for building the second section of the project, consisting of 290 miles of line to serve 700 customers. The successful bid was \$209,712.

162. MINNESOTA 61 FREEBORN: The Freeborn-Mower Cooperative Light and Power Ass'n, Albert Lea, Minnesota (Lewis Brown, Supt., and W. W. Cutcliffe, Anoka, Engineer) has awarded a contract to the Eberhard Construction Co., Guttenburg, Iowa, for building the second section of the project, consisting of 251 miles of line to serve 625 customers. The successful bid was \$185,442.

195. MINNESOTA 66 NOBLES: The Nobles Cooperative Electric, Worthington, Minn., (Jay H. Seymour, Supt., and Banister Engineering Co., St. Paul, Engineer) has awarded a contract to the W. A. Patterson Co., St. Paul, Minn., for building another section of the project, consisting of 260 miles of line to serve 505 customers. The successful bid was \$175,713.

309. MINNESOTA 71 BLUE EARTH: The Blue Earth-Nicollet Cooperative Electric Ass'n, Mankato, Minn., (E. M. Nash, Supt., and Ellerbe & Company, St. Paul, Engineer) has awarded a contract to the Cater Construction Co., Kansas City, Missouri, for building the second section of the project, consisting of 250 miles of line to serve 503 customers. The successful bid was \$180,778.

363. MONTANA 2 CASCADE: The Sun River Electrification Association, Fairfield, Montana (E. P. Harwood, Supt., and J. W. Hall, Ft. Shaw, Engineer) has awarded a contract to the Cahill-Mooney Construction Company, Butte, Montana, for building the second section of the project, consisting of 74 miles of line to serve 220 customers. The successful bid was \$59,196.

274. NEBRASKA 54 CUMING: The Cuming County Rural Public Power District, West Point (Lester C. Sellentin, Supt., and H. H. Henningson, Omaha, Engineer) has awarded a contract to the Crawford Electric Company, North Platte, Nebr., for building the second section of the project, consisting of 229 miles of line to serve 361 customers. The successful bid was \$140,484.

364. NEVADA 4 CLARK: The Overton Power District No. 5, Overton, Nebraska (W. H. Lyon, Supt., and H. W. Crozier, Las Vegas, Engineer) has awarded a contract to Bennett and Taylor, Los Angeles, California, for building the project, consisting of 102 miles of line to serve 350 customers. The successful bid was \$144,260.

365. OHIO 86 GUERNSEY: The Guernsey-Muskingum Electric Cooperative, Inc., New Concord, (H. B. Smith, Supt., and Maurice R. Scharff, 1 Wall Street, New York, Engineer) has awarded a contract to Day and Zimmerman, Philadelphia, Pa., for building the first section of the project, consisting of 220 miles of line to serve 1,036 customers. The successful bid was \$225,278.

77. PENNSYLVANIA 4 CRAWFORD: The Northwestern Rural Electric Cooperative Ass'n, Saegertown, Pa., (Bruce V. Hecker, Supt., and Gibbs & Hill, Inc., Pennsylvania Station, New York City, Engineer) has awarded a contract to the Monroe Electric Company, Chicago, Illinois, for building another section of the project, consisting of 334 miles of line to serve 1,300 customers. The successful bid was \$279,485.

108. PENNSYLVANIA 6 INDIANA: The Southwest Central Rural Electric Cooperative Corporation, Indiana, Pennsylvania (S. J. Orange, Supt., and Gibbs & Hill, Inc., Pennsylvania Station, New York City, Engineer) has awarded a contract to Day and Zimmerman, Philadelphia, for building another section of the project, consisting of 145 miles of line to serve 420 customers. The successful bid was \$131,953.

92. VIRGINIA 11 ROCKINGHAM: The Shenandoah Valley Electric Cooperative, Harrisonburg, Virginia (L. E. Long, Supt., and E. W. Hover, Engineer) has awarded a contract to the Perkins-Barnes Construction Co., Blackstone, Virginia, for building another section of the project, consisting of 177 miles of line to serve 600 customers. The successful bid was \$149,604.

229. WASHINGTON 18 SPOKANE: The Inland Empire Electrification, Inc., Spokane, (G. H. Bell, Supt., and Charles H. Shouse, Spokane, Engineer) has awarded a contract to Fritz Ziebarth, Long Beach, California, for building another section of the project, consisting of 90 miles of line to serve 240 farms. The successful bid was \$78,461.

INVITATIONS TO BID

COLORADO 14 ALAMOSA: The San Luis Valley Rural Electric Corporation, Inc., Monte Vista, Colorado (W. I. Johnson, Supt., and C. C. Cox, Amarillo, Texas, Engineer) has invited bids on the construction of the second section of the project, consisting of 170 miles of line. Bids were opened October 22.

GEORGIA 37 DOUGLAS: The Douglas County Electric Membership Corp., Douglasville, Georgia (J. H. Abercrombie, Supt., and J. B. McCrary Engineering Corp., Atlanta, Engineer) has invited bids on the construction of 177 miles of line. Bids will be opened November 12.

GEORGIA 42 TOOMBS: The Altamaha Electric Membership Corporation, Lyons, Ga., (George Schrader, Supt., and J. B. McCrary Engineering Corp., Atlanta, Ga., Engineer) has invited bids on the construction of 184 miles of line. Bids will be opened November 15.

GEORGIA 51 NEWTON: The Snapping Shoals Electric Membership Corporation, Covington, Georgia (Walker D. Brightwell, Supervisor and J. B. McCrary Engineering Corp., Atlanta, Engineer) has invited bids on the construction of 83 miles of line. Bids will be opened November 10.

GEORGIA 66 TAYLOR: The Taylor County Electric Membership Corporation, Reynolds, Georgia (G. L. Cooper, Supt., and J. B. McCrary Engineering Corp., Atlanta, Georgia, Engineer), has invited bids on the construction of 495 miles of line. Bids will be opened November 14.

GEORGIA 69 WASHINGTON: The Washington County Electric Membership Corp., Sandersville, Georgia (Stephen M. Cox, Supt., and J. B. McCrary Engineering Corporation, Atlanta, Georgia, Engineer) has invited bids on the construction of 250 miles of line. Bids will be opened November 16.

GEORGIA 86 SEMINOLE: The Three Notch Electric Membership Corporation, Donalsonville, Georgia (C. E. Martin, Pres., and J. B. McCrary Engineering Corporation, Atlanta, Georgia, Engineer) has invited bids on the construction of 284 miles of line. Bids were opened November 8.

This bulletin announces construction contracts approved and invitations to bid between November 9 and November 28, 1938:

CONSTRUCTION CONTRACTS

4. COLORADO 7 MESA: The Grand Valley Rural Power Lines, Inc., Grand Junction, Colo., (Ivan W. Patterson, Supt., and E. C. Porter, Engineer) has awarded a contract to the W. O. Allison Company, Grand Junction, Colo., for building another section of the project, consisting of 38 miles of line to serve 142 customers. The successful bid was \$37,069.

12. GEORGIA 17 BURKE: The Planters Electric Membership Corp., Waynesboro, Ga., (J. B. Bargeron, Supt., and J. B. McCrary Engineering Co., Atlanta, Engineer) has awarded a contract to Harvey and Quina, Pensacola, Florida, for building the second section of the project, consisting of 175 miles of line to serve 466 customers. The successful bid was \$84,909.

366. GEORGIA 90 CANDLER: The Excelsior Electric Membership Corp., Metter, Ga., (Cleo E. Miles, Supt., and J. B. McCrary Engineering Corp., Atlanta, Engineer) has awarded a contract to J. V. Tillman, Statesboro, Georgia, for building the first section of the project, consisting of 307 miles of line to serve 936 customers. The successful bid was \$151,918.

26. ILLINOIS 23 SANGAMON: The Rural Electric Convenience Cooperative Co., Divernon, Ill., (Charles Masters, Supt., and Young and Stanley, Muscatine, Iowa, Engineer) has awarded a contract to the Sheehan Pipe Line Construction Co., Tulsa, Oklahoma, for building another section of the project, consisting of 113 miles of line to serve 254 customers. The successful bid was \$79,188.

35. IOWA 9 SCOTT: The Eastern Iowa Light and Power Cooperative, Davenport, Iowa, (S. N. Jordan, Supt., and J. P. Hand, Engineer) has awarded a contract to the Monroe Electric Company, Chicago, Ill., for building another section of the project, consisting of 138 miles of line to serve 287 customers. The successful bid was \$96,588.

36. IOWA 11 WEBSTER: The Gowrie Rural Electric Cooperative Association, Gowrie, Iowa (Young and Stanley, Muscatine, Engineer) has awarded a contract to the Hoak Construction Company, Des Moines, for building the second section of the project, consisting of 25 miles of line to serve 69 customers. The successful bid was \$20,450.

130. IOWA 30 FRANKLIN: The Franklin Rural Electric Cooperative, Hampton, Iowa, (Dallas M. Harrison, Supt., and Buell and Winter, Sioux City, Engineer) has awarded a contract to the Sandberg and Johnson Construction Co., Iowa Falls, for building another section of the project, consisting of 40 miles of line to serve 109 customers. The successful bid was \$35,535.

154. IOWA 39 BENTON: The Benton County Electric Cooperative, Vinton, Iowa, (Ivan E. Trottnow, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to the Elkhorn Construction Company, Norfolk, Nebraska, for building another section of the project, consisting of 112 miles of line to serve 256 customers. The successful bid was \$78,670.

367. KENTUCKY 23 TAYLOR: The Taylor County Rural Electric Cooperative Corp., Campbellsville, Kentucky (Ferrill Greagory, Supt., and R. W. Chanaberry, Louisville, Engineer) has awarded a contract to the F. W. Owens Company, Louisville, for building the entire project, consisting of 154 miles of line to serve 427 customers. The successful bid was \$99,545.

156. KENTUCKY 33 DAVIESS: The Green River Rural Electric Cooperative Corp., Owensboro, Kentucky (C. T. Smith, Supt., and Ray Chanaberry, Louisville, Engineer) has awarded a contract to the Miller Baxter Company, Indianapolis, Indiana, for building the second section of the project, consisting of 30 miles of line to serve 93 customers. The successful bid was \$24,345.

368. KENTUCKY 45 ANDERSON: The Fox Creek Rural Elec. Cooperative Corp., Lawrenceburg, Kentucky (G. R. Sandidge, Supt., and Ray W. Chanaberry, Louisville, Engineer) has awarded a contract to Fritz Ziebarth, Long Beach, California, for building the first section of the project, consisting of 172 miles of line to serve 411 customers. The successful bid was \$117,860.

237. LOUISIANA 7 GRANT: The Valley Electric Membership Corporation, Natchitoches, Louisiana (E. J. Giering, Jr., Supt., and William G. Morrison, Waco, Texas, Engineer) has awarded a contract to Brown and Root, Inc., Austin, Texas, for building the second section of the project, consisting of 143 miles of line to serve 450 customers. The successful bid was \$92,328.

369. LOUISIANA 8 TERREBONNE: The South Louisiana Electric Cooperative Association, Houma, Louisiana (N. H. Penrose, Supt., and the Alabama Rural Elec. Authority, Montgomery, Ala., Engineer) has awarded a contract to the O. O. Fuller Company, Nevada, Missouri, for building the first section of the project, consisting of 113 miles of line to serve 301 customers. The successful bid was \$64,417.

189. MINNESOTA 9 GOODHUE: The Goodhue County Cooperative Electric Association, Zumbrota, Minnesota (George W. Bleecker, Supt., and the Pillsbury Engineering Co., Minneapolis, Engineer) has awarded a contract to the Donovan Construction Co., St. Paul, for building the second section of the project, consisting of 67 miles of line to serve 160 customers. The successful bid was \$51,194.

48. MINNESOTA 15 FARIBAULT: The Wells Electric Association, Wells, Minnesota, (Frederick M. Hockenhull, Supt., and A. W. Buell, St. Paul, Engineer) has awarded a contract to the Acme Construction Company and Martin Wunderlich, for building another section of the project, consisting of 67 miles of line to serve 180 customers. The successful bid was \$48,682.

370. MISSISSIPPI 40 SMITH: The Southern Pine Electric Power Association, Taylorsville, Miss., (Marion W. Schwartz, Engineer) has awarded a contract to W. L. Coston and Sons, Bessemer, Ala., for building the first section of the project, consisting of 107 miles of line to serve 152 customers. The successful bid was \$164,714.

273. NEBRASKA 25 SALINE: The Norris Rural Public Power District, Wilber, Nebraska, (A. M. Vasak, Supt., and Davis and Schwob, Crete, Nebraska, Engineer) has awarded a contract to the Schneider Electric Works, Omaha, for building another section of the project, consisting of 158 miles of line to serve 270 customers. The successful bid was \$96,850.

66. NORTH CAROLINA 23 CALDWELL: The Caldwell Mutual Corporation, Lenoir, N. C., (George F. Messick, Supt., and Spoon and Ideis, Greensboro, N. C., Engineer) has awarded a contract to M. F. Burgess, Inc., Baltimore, Maryland, for building the second section of the project, consisting of 175.8 miles of line to serve 1,139 customers. The successful bid was \$169,993.66.

292. OHIO 39 FAULDING: The Paulding-Fulton Electric Cooperative, Inc., Paulding, Ohio (V. E. Patterson, Supt., and Southern Michigan Engineering Corporation and Fulton and Woolpert, Engineers) has awarded a contract to the Davis-Hydaker Company, Spencerville, Ohio, for building the third section of the project, consisting of 317 miles of line to serve 1,035 customers. The successful bid was \$227,906.

108. PENNSYLVANIA 6 INDIANA: The Southwest Central Rural Elec. Coop. Corp., Indiana, Pennsylvania (S. J. Orange, Supt., and Gibbs & Hill, Inc., New York City, Engineer) has awarded a contract to Day and Zimmerman, Philadelphia, Pa., for building another section of the project, consisting of 187 miles of line to serve 600 customers. The successful bid was \$143,430.

80. PENNSYLVANIA 15 BRADFORD: The Cloverack Electric Cooperative, Inc., Towanda, Pa., (C. E. Jakway, Manager, and Gibbs and Hill, Inc., New York City, Engineer) has awarded a contract to the Sordoni Construction Company, Forty Fort, Pa., for building the second section of the project, consisting of 296 miles of line to serve 1,200 customers. The successful bid was \$277,693.

371. TENNESSEE 24 MONTGOMERY: The Cumberland Electric Membership Corporation, Clarksville, Tennessee (M. C. Northington, Supt., and Thomas H. Allen, Memphis, Engineer) has awarded a contract to John Oman, Jr., Nashville, Tenn., for building the first section of the project, consisting of 320 miles of line to serve 750 customers. The successful bid was \$202,669.

173. TEXAS 38 HILL: The Hill County Electric Cooperative, Inc., Itasca, Texas, (E.D.H. Farrow, Supt., and William G. Morrison, Waco, Texas, Engineer) has awarded a contract to the Ainsworth Construction Company, Dallas, for building the second section of the project, consisting of 164.5 miles of line to serve 450 customers. The successful bid was \$99,113.

266. TEXAS 50 GRAYSON: The Grayson-Collin Electric Cooperative, Inc., Van Alstyne, Texas (H. P. Block, Supt., and Freese and Nichols, Fort Worth, Engineer) has awarded a contract to the Mattison-Wallack & Company, Britton, Oklahoma, for building the second section of the project, consisting of 175 miles of line to serve 500 customers. The successful bid was \$99,959.

372. VERMONT 7 ORLEANS: The Vermont Electric Cooperative, Inc., Morrisville, Vt., (H. D. Bowman, Supt., and M. R. Scharff, New York City, Engineer) has awarded a contract to Kenworthy and Taylor, Inc., Everett, Massachusetts, for building the first section of the project, consisting of 62 miles of line to serve 126 customers. The successful bid was \$58,551.

92. VIRGINIA 11 ROCKINGHAM: The Shenandoah Valley Electric Cooperative, Harrisonburg, Virginia (L. E. Long, Supt., and E. W. Hover, Engineer) has awarded a contract to the Rockingham Construction Co., Harrisonburg, Va., for building another section of the project, consisting of 71 miles of line to serve 213 customers. The successful bid was \$59,450.

93. VIRGINIA 22 CAROLINE: The Virginia Electric Cooperative, Bowling Green, Va., (W. H. Brown, Manager, and W. H. Brown and C. W. Hylton, Engineers) has awarded a contract to the Harrison-Wright Company, Charlotte, N. C., for building another section of the project, consisting of 134 miles of line to serve 380 customers. The successful bid was \$109,406.

111. VIRGINIA 27 NOTTOWAY: The Southside Electric Cooperative, Blackstone, Va., (C. S. Hooper, Supt., and W. W. Corcoran, Engineer) has awarded a contract to the Rockingham Construction Co., Harrisonburg, Va., for building another section of the project, consisting of 358 miles of line to serve 1,074 customers. The successful bid was \$266,642.

373. WASHINGTON 27 LEWIS: Public Utility District No. 1, Alpha, Washington, (Carl A. Miller, Supt., and Baar and Cunningham, Portland, Oregon, Engineer) has awarded a contract to the NePage McKenny Company, Seattle, Wash., for building the first section of the project, consisting of 66 miles of line to serve 250 customers. The successful bid was \$55,026.

96. WISCONSIN 27 BUFFALO: The Buffalo Electric Cooperative, Alma, Wisconsin (E. A. Haeuser, Supt., and Wisconsin Rural Elec. Cooperative Association, Madison, Engineer) has awarded a contract to the Midland Constructors, Inc., Chicago, Ill., for building the second section of the project, consisting of 157 miles of line to serve 400 customers. The successful bid was \$112,844.

303. WISCONSIN 49 DUNN: The Dunn County Electric Cooperative, Menomonie, Wisc., (Martin B. Rotnem, Supt., and Wisconsin Development Authority, Madison, Engineer) has awarded a contract to E. W. Wylie, Inc., St. Paul, Minnesota, for building another section of the project, consisting of 191 miles of line to serve 590 customers. The successful bid was \$136,139.

374. WISCONSIN 51 ST. CROIX: The St. Croix County Elec. Cooperative, Baldwin, Wisconsin (William Rutzen, Supt., and Wisconsin Development Authority, Madison, Engineer) has awarded a contract to the Holtz Brothers Elec. Co., Chippewa Falls, Wisconsin, for building the entire project, consisting of 173.7 miles of line to serve 510 customers. The successful bid was \$127,525.

#### INVITATIONS TO BID

INDIANA 8 WABASH: The Wabash County Rural Electric Membership Corp., Wabash, Ind., (Gordon Downey, Supt., and Indiana Statewide REMC, Indianapolis, Ind., Engineer) has invited bids on the construction of the second section of the project, consisting of 110 miles of line. Bids were opened November 29.

INDIANA 24 CARROLL: The Carroll County Rural Elec. Membership Corp., Delphi, Ind., (Clarence Darragh, Manager, and Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of the second section of the project, consisting of 118 miles of line. Bids will be opened November 30.

INDIANA 74 HUNTINGTON: The Huntington County Rural Elec. Membership Corporation, Huntington (Frank Warner, Manager, and Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of the second section of the project, consisting of 96 miles of line. Bids were opened November 29.

KANSAS 13 BROWN: The Brown-Atchison Electric Cooperative Assn., Inc., Horton, Kansas (Edward E. Dorssom, Supt., and H. H. Henningson, Omaha, Nebr., and Mid-western Engineering Co., Omaha, Engineers) has invited bids on the construction of the third section of the project. Bids were opened November 28.

This bulletin announces construction contracts approved and invitations to bid between November 30 and December 23, 1938:

CONSTRUCTION CONTRACTS

375. FLORIDA 17 JACKSON: The West Florida Electric Cooperative Assn., Inc., Marianna, Florida (Claude H. Smith, Supt., and E. P. McLean, Moultrie, Georgia, Engineer) has awarded a contract to the Bigby Electric Co., Tampa, Florida, for building the project, consisting of 105 miles of line to serve 226 members. The successful bid was \$56,592.

305. GEORGIA 39 HART: The Hart County Electric Membership Corp., Hartwell, Georgia, (George Bell, Supt., and J. B. McCrary Engineering Corp., Atlanta, Engineer) has awarded a contract to Roy Richards, Carrollton, Georgia, for building the second section of the project, consisting of 256 miles of line to serve 709 members. The successful bid was \$158,437.

20. GEORGIA 65 IRWIN: The Irwin County Rural Electric Association, Ocilla, Georgia, (W. A. Tankersley, Supt., and J. B. McCrary Engineering Corp., Atlanta, Engineer) has awarded a contract to the Coffee Construction Co., Eastman, Georgia, for building the second section of the project, consisting of 101 miles of line to serve 286 members. The successful bid was \$51,702.

280. GEORGIA 68 GRADY: The Grady County Electric Membership Corp., Cairo, Georgia (N. W. Stanfill, Supt., and E. P. McLean, Moultrie, Georgia, Engineer) has awarded a contract to Gibson and Robinson, Donalsonville, Georgia, for building another section of the project, consisting of 119 miles of line to serve 356 members. The successful bid was \$64,389.

376. GEORGIA 83 JACKSON: The Jackson Electric Membership Corp., Jefferson, Georgia (R. J. Kelly, Supt., and J. B. McCrary Engineering Corp., Atlanta, Engineer) has awarded a contract to W. A. Mathis, Athens, Georgia, for building the first section of the project, consisting of 171 miles of line to serve 664 members. The successful bid was \$107,015.

377. IDAHO 11 KOOTENAI: The Kootenai Rural Electrification Assn., Inc., Coeur d'Alene, Idaho (Jesse Vetter, Supt., and Allan Sickler, Alturas, Calif., Engineer) has awarded a contract to Homer G. Johnson, Portland, Oregon, for building the first section of the project, consisting of 185 miles of line to serve 600 members. The successful bid was \$135,525.

382. INDIANA 18 RUSH: The Rush County Rural Electric Membership Corp., Rushville, Indiana (Oscar E. Newhouse, Supt., and Indiana Statewide REMC, Indianapolis, Engineer) has awarded a contract to the Miller-Baxter Co., Inc., Indianapolis, for building the second section of the project, consisting of 117 miles of line to serve 340 members. The successful bid was \$96,381.

378. INDIANA 41 LaGRANGE: The LaGrange County Rural Electric Membership Corp., LaGrange, Indiana (J. R. Hayes, Supt., and Indiana Statewide REMC, Indianapolis, Engineer) has awarded a contract to the Contracting and Materials Company, Evanston, Illinois, for building two sections of the project, consisting of 252 miles of line to serve 735 members. The successful bid was \$194,710.

379. INDIANA 42 PARKE: The Parke County Rural Electric Membership Corp., Rockville, Indiana (Reuben Dooley, Supt., and Indiana Statewide REMC, Indianapolis, Engineer) has awarded a contract to the Miller-Baxter, Inc., Indianapolis, for building the first section of the project, consisting of 274 miles of line to serve 810 members. The successful bid was \$238,735.

380. IOWA 2 SIOUX: The Sioux Electric Cooperative Association, Hawardon, Iowa (O. K. Battern, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to the Evans Construction Co., Early, Iowa, for building the entire project, consisting of 234 miles of line to serve 495 members. The successful bid was \$162,632.

381. IOWA 56 POWESHIEK: The T.I.P. Rural Electric Cooperative, Brooklyn, Iowa (Irvin L. Nervig, Supt., and K. R. Brown, Des Moines, Engineer) has awarded a contract to W. D. Phelan and Co., Davenport, Iowa, for building the first section of the project, consisting of 132 miles of line to serve 284 members. The successful bid was \$99,543.

382. KENTUCKY 46 HARRISON: The Harrison County Rural Electric Cooperative Corp., Cynthiana, Kentucky (G. L. Bridwell, Supt., and Ray W. Chanaberry, Louisville, Engineer) has awarded a contract to the F. W. Owens Co., Louisville, for building the entire project, consisting of 194 miles of line to serve 579 members. The successful bid was \$125,899.

383. MICHIGAN 41 OCEANA: The Oceana Electric Cooperative, Hart, Michigan (Loyal Churchill, Supt., and Roy A. White, Grand Rapids, Engineer) has awarded a contract to the Laird Construction Co., Battle Creek, Michigan, for building the entire project, consisting of 249 miles of line to serve 750 members. The successful bid was \$225,707.

219. MINNESOTA 10 CARLTON: The Carlton County Cooperative Power Association, Kettle River, Minnesota (Matt O. Wilson, Manager, and the Federated Electric Cooperative Association, Minneapolis, Engineer) has awarded a contract to Franzen Brothers, Palisade, Minnesota, for building the second section of the project, consisting of 253 miles of line to serve 500 members. The successful bid was \$164,138.

49. MINNESOTA 18 DOUGLAS: The Douglas County Cooperative Light and Power Assn., Alexandria, Minnesota (Clifford R. Hove, Supt., and Pillsbury Engineering Co., Minneapolis, and Ellerbe & Co., St. Paul, Engineers) has awarded a contract to the Donovan Construction Co., St. Paul, for building another section of the project, consisting of 93 miles of line to serve 196 members. The successful bid was \$67,746.

220. MINNESOTA 32 FILLMORE: The Fillmore County Cooperative Electric Association, Preston, Minnesota (Earl J. Kjos, Manager, and Toltz, King and Day, St. Paul, and Banister Engineering Co., Engineers) has awarded a contract to the Langford Electric Co., Minneapolis, for building another section of the project consisting of 204 miles of line to serve 390 members. The successful bid was \$146,472.

304. MINNESOTA 59 OLMSTED: The Peoples Cooperative Power Association, Inc., Rochester, Minnesota (Frank I. Kiley, Supt., and Ellerbe and Company, St. Paul, Engineer) has awarded a contract to the Cater Construction Company, Kansas City, Missouri, for building the second section of the project, consisting of 166 miles of line to serve 378 members. The successful bid was \$134,427.

384. MISSOURI 36 AUDRAIN: The Consolidated Electric Cooperative, Mexico, Missouri (Midwestern Engineering and Construction Co., Tulsa, Oklahoma, Engineer) has awarded a contract to the Phelan Construction Co., Davenport, Iowa, for building the first section of the project, consisting of 243 miles of line to serve 550 members. The successful bid was \$164,182.

251. NORTH CAROLINA 14 PITT: The Pitt and Greene Electric Membership Corporation, Farmville, North Carolina (P. M. Anderson, Washington, D. C., Engineer) has awarded a contract to the Little Construction Co., Union, South Carolina, for building another section of the project, consisting of 49 miles of line to serve 300 members. The successful bid was \$39,611.

294. TEXAS 30 UPHUR: The Upshur Rural Electric Cooperative Corp., Gilmer, Texas (Samuel Scales, Greenville, Superintendent, and Freese and Nichols, Fort Worth, Engineer) has awarded a contract to the O. O. Fuller Construction Company, Nevada, Missouri, for building the second section of the project, consisting of 170 miles of line to serve 550 members. The successful bid was \$94,315.

213. TEXAS 44 HUNT: The Hunt-Collin Electric Cooperative, Inc., Greenville, Texas, (E. T. Fry, Supt., and William G. Morrison, Waco, Engineer) has awarded a contract to the Reynolds & Sutton Company, Tyler, Texas, for building the second section of the project, consisting of 74 miles of line to serve 230 members. The successful bid was \$44,987.

297. TEXAS 63 NAVARRO: The Navarro County Electric Cooperative, Inc., Corsicana, Texas (Clyde Kimes, Supt., and Freese and Nichols, Fort Worth, Engineer) has awarded a contract to J. E. Morgan and Sons Co., El Paso, Texas, for building the second section of the project, consisting of 146 miles of line to serve 437 members. The successful bid was \$84,487.

385. TEXAS 68 COOKE: The Cooke County Electric Cooperative Assn., Muenster, Texas (J. W. Hess, Supt., and William G. Morrison, Waco, Texas, Engineer) has awarded a contract to J. E. Morgan and Son, Waco, Texas, for building the entire project, consisting of 197 miles of line to serve 450 members. The successful bid was \$108,197.

122. VIRGINIA 2 CRAIG: The Craig-Cotetourt Electric Cooperative, Newcastle, Va., (Clay D. Huffman, Supt., and P. M. Anderson, Washington, D. C., Engineer) has awarded a contract to the Donovan Construction Co., St. Paul, Minnesota, for building the second section of the project, consisting of 86 miles of line to serve 300 members. The successful bid was \$37,086.

315. VIRGINIA 29 NELSON: The Central Virginia Electric Cooperative, Lovingston, Va., (Lewis A. Bress, Supt., and C. M. Ramsay, Engineer) has awarded a contract to the Perkins-Barnes Construction Co., Blackstone, Va., for building another section of the project, consisting of 60 miles of line to serve 183 members. The successful bid was \$51,753.

206. WISCONSIN 19 CHIPPEWA: The Chippewa Valley Electric Cooperative, Cornell, Wisconsin (Raymond L. Cleaves, Supt., and Bannister Engineering Company, St. Paul, Minnesota, Engineer) has awarded a contract to the W. A. Patterson Co., St. Paul, Minnesota, for building another section of the project, consisting of 106 miles of line to serve 244 members. The successful bid was \$81,448.

269. WISCONSIN 43 GRANT: The Grant County Cooperative Rural Electric Assn., Lancaster, Wisconsin (Earl E. Raisbeck, Supt., and Wisconsin Development Authority, Madison, Engineer) has awarded a contract to L. G. Arnold, Inc., Eau Claire, Wisconsin, for building the second section of the project, consisting of 246 miles of line to serve 596 members. The successful bid was \$166,000.

386. WISCONSIN 53 EAU CLAIRE: The Eau Claire Electric Cooperative, Eau Claire, Wisconsin (F. R. McFarland, Supt., and the Wisconsin Development Authority, Madison, Engineer) has awarded a contract to L. G. Arnold, Inc., Eau Claire, for building the entire project, consisting of 272 miles of line to serve 703 members. The successful bid was \$207,549.

#### INVITATIONS TO BID

ALABAMA 20 BALDWIN: The Baldwin County Electric Membership Corporation, Robertsdale, Alabama (Carl L. Schlich, Jr., Supt., and Gordon Persons, Montgomery, Engineer) has invited bids on the construction of 80 miles of line. Bids will be opened January 9, 1939.

ALABAMA 26 BARBOUR: The Pea River Electric Membership Corp., Clayton, Alabama (Arthur E. Robertson, Supt., and Gordon Persons, Montgomery, Engineer) has invited bids on the construction of the first section of the project, consisting of 210 miles of line. Bids were opened December 14.

GEORGIA 22 COLQUITT: The Colquitt County Rural Electric Company, Moultrie, Georgia (Oscar O. Owens, Supt., and E. P. McLean Engineering Company, Moultrie, Engineer) has invited bids on 107 miles of line. Bids will be opened December 29.

GEORGIA 58 LAMAR: The Central Georgia Electric Membership Corporation, Jackson, Georgia (M. O. McCord, Supt., and the J. B. McCrary Engineering Corp., Atlanta, Engineer) has invited bids on the construction of 319 miles of line. Bids will be opened December 30.

GEORGIA 77 FORSYTH: The Forsyth County Electric Membership Corp., Cumming, Georgia, (Lewis T. Ledbetter, Supt., and the J. B. McCrary Engineering Corp., Atlanta, Engineer) has invited bids on the construction of 155 miles of line. Bids were opened December 16.

GEORGIA 73 HABERSHAM: The Habersham Electric Membership Corp., Clarksville, Georgia, (E. A. Lunceford, Supt., and the J. B. McCrary Engineering Corp., Atlanta, Engineer) has invited bids on the construction of 185 miles of line. Bids were opened Dec. 15.

GEORGIA 83 JACKSON: The Jackson Electric Membership Corp., Jefferson, Georgia (Robert J. Kelly, Supt., and the J. B. McCrary Engineering Corp., Atlanta, Engineer) has invited bids on the construction of 220 miles of line. Bids will be opened Dec. 28.

GEORGIA 87 TATTNALL: The Canoochee Rural Electric Membership Corp., Reidsville, Ga., (Homer N. Daniel, Supt., and the J. B. McCrary Engineering Corp., Atlanta, Engineer) has invited bids on the construction of 269 miles of line. Bids were opened Dec. 20.

INDIANA 1 GREENE: The Utilities District of Western Indiana REMC, Bloomfield, Indiana (William H. Freeland, Supt., and Clark L. Johnson, Bloomfield, Engineer) has invited bids on the construction of 142 miles of line. Bids were opened December 15.

INDIANA 35 JASPER: The Jasper County Rural Electric Membership Corp., Rensselaer, Indiana (Walter Emmert, Supt., and the Indiana Statewide REMC., Indianapolis, Engineer) has invited bids on the construction of 216 miles of line. Bids were opened December 16.

INDIANA 44 ALLEN: The Allen-Wells County Rural Elec. Membership Corp., Huntington, Indiana (William O. Toy, Supt., and the Indiana Statewide REMC, Indianapolis, Engineer) has invited bids on the construction of 222 miles of line. Bids were opened December 20.

KENTUCKY 51 HARDIN: The Nolin Rural Electric Cooperative Corp., Elizabethtown, Ky., (Ray W. Channberry, Inc., Louisville, Engineer) has invited bids on the construction of 290 miles of line. Bids were opened December 20.

TEXAS 23 McCULLOCH: The McCulloch County Electric Cooperative, Inc., Brady, Texas (Will Kennerly, Supt., and William G. Morrison, Waco, Texas, Engineer) has invited bids on the construction of 248 miles of line. Bids were opened December 13.

TEXAS 62 BAILEY: The Bailey County Electric Cooperative Association, Muleshoe, Texas (William G. Kennedy, Pres., and William G. Morrison, Waco, Texas, Engineer) has invited bids on the construction of 249 miles of line. Bids were opened December 15.

TEXAS 70 HAMILTON: The Hamilton County Electric Cooperative Association, Hamilton, Texas (V. A. Rogers, Supt., and William G. Morrison, Waco, Texas, Engineer) has invited bids on the construction of 192 miles of line. Bids were opened December 12.

